

Patent Abstracts of Japan

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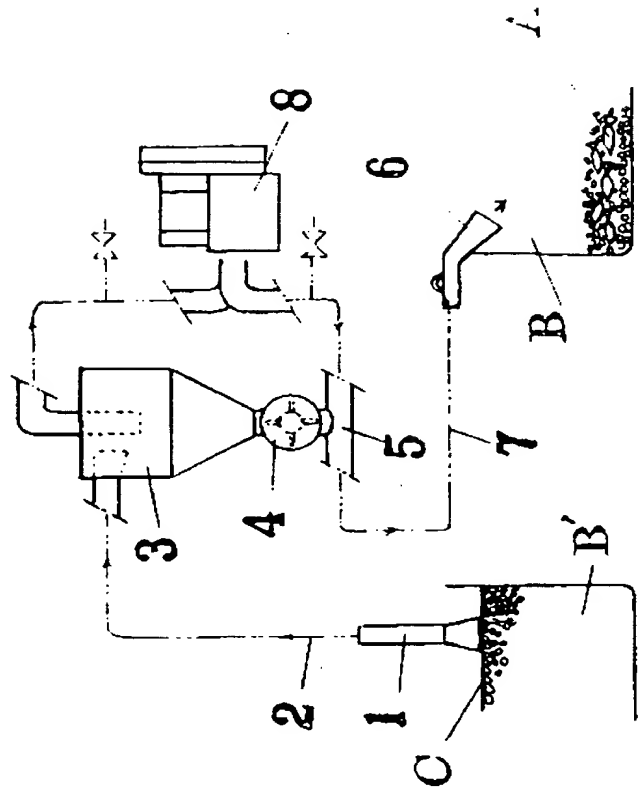
APPLICATION DATE : 11-04-83
APPLICATION NUMBER : 58063496

APPLICANT : TOHO KIKAI KOGYO KK;

INVENTOR : YOSHIDA YOSHINORI;

INT.CL. : B63B 35/14

TITLE : CRUSHED ICE CARRYING DEVICE
FOR SHIP



ABSTRACT : PURPOSE: To enable automatic and efficient scattering of crushed ice on the upper surface of fishes, by a method wherein crushed ice, contained in one hatch, is conveyed on the upper surface of fishes, contained in other hatch, through a piping with the aid of a cyclone and a high pressure blower.

CONSTITUTION: With a high pressure blower 8 actuated, crushed ice C is carried through a conveyance pipe 2 from a suction member 1 into a cyclone 3 togetherwith the air, and the crushed ice C dropped in the lower part of the cyclone 3 is discharged in a delivery pipe 5 with the aid of a rotary valve 4. A high- pressure air flow from a blower 8 is supplied in the delivery pipe 5, and thereby the crushed ice C, passing through a conveyance pipe 7, is discharged through a discharge member 6 into a hatch B where fishes A are contained. This enables the crushed ice C to be automatically and efficiently scattered inthe hatche B.

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French Patent No. 2 752 048

Inventors: S. Maitre and V. Ismael

Date of publication: 6 February 1996

Title: Device for the Automatic Distribution of Ice from an Ice Production Machine

Translation (not verified) of the Abstract:

The present invention concerns devices for automatic distribution of ice, their fabrication and their use in a completely hygienic manner and in view of consumers, designed to be adapted to an existing machine for the production of ice (2) and intended to be used primarily in public locations or by organizations.

The apparatus for automatic distribution of ice according to this invention is characterized in that it includes an isothermal ice distributor (3), feeding means (4, 19) designed for automatic transport of ice from the ice production machine (2) into the said distributor (3) under the effect of vacuum created by aspiration means (28, 29), and control means for the said feeding means (4, 19) and aspiration means (28, 29).

Applications: beverage stores and organizations.